

## Technical Data Sheet

# MC1—Low Voltage Control Module with RS232 By Draper

### USES:

1. The MC1 is used to control one 115 volt motor by any of several means:
  - a. LVC-S low voltage wall switch.
  - b. RF (Radio Frequency) remote control (range 75 ft.).
  - c. IR (Infrared) remote control (range 50 ft.).
  - d. Serial communication via RS232.
  - e. Internet Protocol.
  - f. LVC-SL LED low voltage wall switch.These options isolate the user from a potential electrical shock.
2. The MC1 can also be used as a Single-Pole, Double-Throw dry closure to control other equipment by the same means listed in #1 above.

### COMPATIBILITY:

LVC-S low voltage wall switch.  
LVC-SL LED low voltage wall switch.\*  
WRT/R radio frequency remote control package.\*  
IRT/R infrared remote control package.\*\*  
SP-KSM 3-position momentary key switch (beware: Stop won't work).  
IPD 4 Internet Protocol.\*\*  
RS232 serial communication with auxiliary control systems employing "dry" contacts  
KS-1 Power Supply Key Switch.  
\*Splitter and power supply also required.  
\*\* Splitter and power supply required if using more than one of these controls.

### CONTACTS:

Emulates Single-Pole, Double-Throw. Input/output Ports: 5V Port (for IR receiver, RF Receiver or Data Bus Input); RS-232 Port; and Contact Closure. Peripheral power = 5V DC @ 2 mA. Termination Types: RS-232—Captive Screw Terminals; Contact Closure—Captive Screw Terminals; IR—RJ11 Modular Connectors.

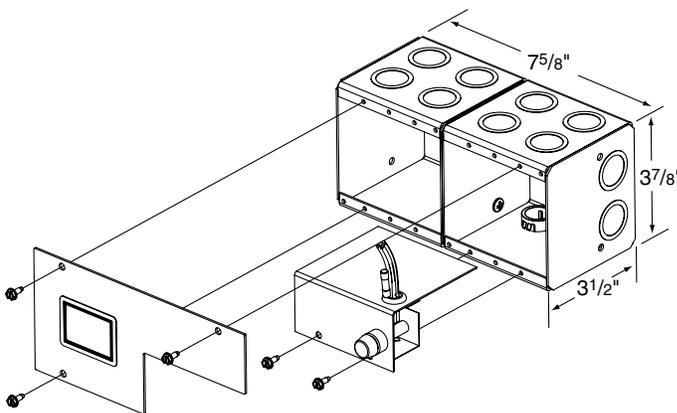
### RATING:

3.8 Amps, 1/8th HP. Fuses should be 4 Amp 250V 5x20mm fast or slow blow. Fused Protection: 4A (there is a second fuse on the circuit board).  
UL and c-UL recognized.

### DESCRIPTION:

Two double-gang electrical boxes bolted together. One box contains the actual module, while the empty box is useful for making connections. The module contains a 3-screw terminal block for a wall switch (up, down, common), IR receiver jack, RF receiver jack, and a user-serviceable 4A fuse. A spare fuse is included. A 5-wire pigtail for Hot, Ground, Common, Up and Down.

### ILLUSTRATION:



# DRAPER

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